



58049-00025.ST25
Sequence Listing

<110> ProGen Co., Ltd.
<120> Method for mass production of human Follicle Stimulating Hormone
<130> 58049-00025
<140> US 10/595,200
<141> 2006-03-22
<150> PCT/KR2004/002474
<151> 2004-09-24
<150> KR 10-2003-0068641
<151> 2003-10-02
<160> 15
<170> KopatentIn 1.71
<210> 1
<211> 351
<212> DNA
<213> Homo sapiens
<400> 1
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tatccctact cactaaggct caagaagacg atgttggtcc aaaagaacgt cacctcagag 240
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<211> 390
<212> DNA
<213> Homo sapiens
<400> 2
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atcaacacca cttgggtgtgc tggctactgc tacaccaggg atctggtgta taaggacca 180
gccaggccca aaatccagaa aacatgtacc ttcaaggaac tggatatga aacagtgaga 240
gtgcccggct gtgctcacca tgcagattcc ttgtatacat acccagtggc caccaggtg 300
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<210> 3
<211> 27

<212> DNA
 <213> Artificial Sequence
 <220>
 <223> sense primer for human FSH alpha subunit
 <400> 3
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 <210> 4
 <211> 37
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> antisense primer for human FSH alpha subunit
 <400> 4
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 <210> 5
 <211> 33
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> sense primer for human FSH beta subunit
 <400> 5
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 <210> 6
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> antisense primer for human FSH beta subunit
 <400> 6
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 <210> 7
 <211> 592
 <212> DNA
 <213> Encephalomyocarditis virus
 <400> 7
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 tgtgagggcc cggaacacctg gccctgtctt cttgacgagc attcctaggg gtctttcccc 180
 tctcgccaaa ggaatgcaag gtctgttgaa tgtcgtgaag gaagcagttc ctctggaagc 240

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cgacaggtgc ctctgcggcc aaaagccacg tgtataagat acacctgcaa aggcggcaca	360
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<210> 8
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 <212> DNA
 <213> Cytomegalovirus

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 <221> promoter
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aatggcccg cttggctgacc gcccaacgac ccccgcccat tgacgtcaat aatgacgtat	180
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cctacttggc agtacatcta cgtattagtc atcgctatta ccatgggtgat gcggttttgg	420
cagtacatca atgggcgtgg atagcggttt gactcacggg gatttccaag tctccacccc	480
attgacgtca atgggagttt gttttggcac caaaatcaac gggactttcc aaaatgtcgt	540
aacaactccg ccccatgtgac gcaaattggg ggtaggcgtg tacggtggga ggtctatata	600
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<210> 9
 <211> 441
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Adenovirus tripartite leader sequence

<400> 9 tcgatactct cttccgcata gctgtctgag agggccagct gttgggctcg cggttgagga	60
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actccgccac cgagggacct gagcgagtcc gcatcgaccg gatcggaaaa cctctcgact	180

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 ccaaaaacga ggaggatttg atattcacct ggcccgcggt gatgcctttg aggggtggccg 300
 cgtccatctg gtcagaaaag acaatctttt tgttgtcaag cttgaggtgt ggcaggcttg 360
 agatctggcc atacacttga gtgacaatga catccacttt gcctttctct ccacaggtgt 420
 ccactcccag gtccaactgc a 441

<210> 10
 <211> 19
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> sense primer for tripartite leader sequence

<400> 10
 gatatcgata ctctcttcc 19

<210> 11
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> antisense primer for tripartite leader sequence

<400> 11
 gcgtcgacct gcagttggac ctggggag 27

<210> 12
 <211> 564
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> dihydrofolate reductase

<400> 12
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 ggagacctac cctggcctcc gctcaggaac gagttcaagt acttccaaag aatgaccaca 120
 acctcttcag tggaaggtaa acagaatctg gtgattatgg gtaggaaaac ctggttctcc 180
 attcctgaga agaatcgacc tttaaaggac agaattaata tagttctcag tagagaactc 240
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 caggaatttg aaagtgcac gtttttccca gaaattgatt tgggggaaata taaacttctc 480

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ccagaatacc caggcgtcct ctctgaggtc caggaggaaa aaggcatcaa gtataagttt 540
gaagtctacg agaagaaaga ctaa 564

<210> 13
<211> 130
<212> DNA
<213> Simian virus 40

<220>
<221> polyA_signal
<222> (1)..(130)

<400> 13
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aataaagcat ttttttcact gcattctagt tgtggtttgt ccaaactcat caatgtatct 120
tatcatgtct 130

<210> 14
<211> 232
<212> DNA
<213> Artificial Sequence

<220>
<223> bovine growth hormone

<220>
<221> polyA_signal
<222> (1)..(232)

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atgaggaaat tgcacgcac tgtctgagta ggtgtcattc tattctgggg ggtgggggtg 180
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<210> 15
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<223> BamH I linker

<400> 15
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